ATLAS

Forward Observer and Gun Laying System

Missions

- Portable Target Acquisition System
- Configurable for artillery forward observers, reconnaissance and target intelligence, close air support, urban warfare and special operations

Main Features

- Field - proven with over 5000 units deployed world - wide
- Multiple accurate, cost - effective north - finding options – up to 1 mill
- Digital interface with BMS and communication systems
- Can be carried by one soldier or mounted on a vehicle
- Simple operability
- Tailorable per customer specifications
- One system, two configurations: Target Acquisition and Gun Laying
- Complies with MIL-STD 810F

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Configuration

- Target Acquisition Configuration features:
  - Immediate coordinate output minimizes sensor - to - shooter time
  - Deviation Correction, ARE and MPI adjustment and correction
  - Target bank creation and management - up to 999 targets
  - Stable platform yields increased DRI ranges
- Gun Laying Configuration features:
  - Improves existing gun laying procedures performance
  - Internal memory stores each gun position - up to 8 guns
  - Sets Azimuth Zero Line (AZL)
  - Precisely aligns each gun based on transmission of reverse azimuth
  - Supports various sights and armaments (mortars, guns, launchers)

System Components

- Goniometer
- Tripod
- Sensor Suite – LRF, binocular, thermal camera, designator- according to the customer requirement
- Chargers and backpack

Technical Specifications

General	
Weight	12 - 20kg (per mission specifications and system configuration)
Goniometer	
Dimensions	33 x 14 x 24.7 cm
Weight	3.4 kg
Azimuth Range	6400 mil (Continuous)
Elevation Range	±400 mil (Continuous)
Azimuth and Elevation Resolution	1 mil
Communication	RS232/RS422
Power	internal battery (external power source- optional)
Integrated Compass Accuracy	±0.5° -1σ
GPS / GNSS	Internal / External(optional)

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Industrial Area P.O.B 388 Sderot 80100, Israel
E-mail: istar@elbitsystems.com www.elbitsystems.com

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